

No.



8300152

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Mommersteeg International B.V.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PERENNIAL RYEGRASS

'Ovation'



In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 25th day of July in the year of our Lord one thousand nine hundred and eighty-four.

Attest:

Sennett H. C.
Commissioner

Plant Variety Protection Office
Livestock, Meat, Grain & Seed
Agricultural Marketing Service

John R. Block
Secretary of Agriculture

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1. NAME OF APPLICANT(S) Mommersteeg International B.V.		2. TEMPORARY DESIGNATION Mom Lp 736		3. VARIETY NAME Proposed name : OVATION	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) P.O. Box 1, 5250 AA VLIJMEN the Netherlands		5. PHONE (Include area code) the Netherlands, 4108-9116		FOR OFFICIAL USE ONLY PVPO NUMBER 8300152	
6. GENUS AND SPECIES NAME Lolium perenne		7. FAMILY NAME (Botanical) GRAMINEAE			
8. KIND NAME Grasses (Perennial ryegrass)		9. DATE OF DETERMINATION September 14, 1977		FILING DATE 6/29/83 TIME 2:30 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Corporation				FEES RECEIVED AMOUNT FOR FILING \$ 1,000 DATE 6/29/83 AMOUNT FOR CERTIFICATE \$ 500.00 DATE 6/26/84	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION the Netherlands				12. DATE OF INCORPORATION 2-26-1973	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Mr. Stan Rollin 6802 Orem Drive, Laurel, Maryland 20707					

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED

- a. ☒ Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- b. ☒ Exhibit B, Novelty Statement
- c. ☒ Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- d. ☐ Exhibit D, Additional Description of the Variety

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.) ☐ Yes (If "Yes," answer items 16 and 17 below) ☒ No

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ Yes ☐ No

17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? ☐ Foundation ☐ Registered ☐ Certified

18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?
the Netherlands (November 10, 1978) ☒ Yes (If "Yes," give names of countries and dates)
Federal Republic of Germany (December 8, 1980)
United Kingdom (November 17, 1982) ☐ No

19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?
☐ Yes (If "Yes," give names of countries and dates)
☒ No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT Mommersteeg International B.V. (J.J. Hintzen)	DATE May 19, 1983
SIGNATURE OF APPLICANT	DATE

INSTRUCTIONS

General: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Department of Agriculture, Agricultural Marketing Service, Livestock, Meat, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

Item

- 9 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 14a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 14b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 14c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 14d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 15 If "Yes" is specified (*seed of this variety be sold by variety name only as a class of certified seed*) the applicant may **NOT** reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "No," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 16 See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.



8300152

Application for Plant Variety Protection Certificate

14 A Exhibit A, Origin and Breeding History of the Variety

Genus and Species : *Lolium perenne*

Variety : Mom Lp 736 (Proposed name : OVATION)

Genealogy and Breeding Method

Mom Lp 736 originates from a cross between the varieties Loretta and Pennfine. Selected Loretta-plants have been pollinated by selected Pennfine plants. Plantselection in the F₁- and F₂-generation, was followed by plant- and clone-selection in the F₃- and F₄-generations, polycross and progeny testing in turftrials, single spaced planttrials and "row"-trials.

One of the synthetics out of this program was Mom Lp 736, based on 10 families.

Reproduction and Multiplication

Seed of the 10 basic families has been dried and is stored under dry and cold conditions. If necessary, we harvest first generation seed from single spaced plants, derived from the 10 basic families. The next generations in the seed production are : 2. Prebasic Seed (= Breeder's Seed) 3. Basic Seed (= Foundation Seed) and 4. Certified Seed.

Mom Lp 736 is a synthetic variety of a cross-fertilizing species. Within this type of varieties there is a certain allowed degree of variance within the properties used for protection. All plants of Mom Lp 736 produced in the several generations are within this type of variance.

Uniformity and Stability

The above mentioned method of maintaining and multiplying a synthetic variety of grass has proven to work very well. Until now we did not have difficulties concerning uniformity and stability in our own trials, comparing the several generations.

Also the dutch authorities of the RIVRO (Variety Research Institute) and the NAK (Seed Inspection and Certifying Agency) did not have problems with uniformity and stability, testing prebasic and basic seed.

The report on Plant Breeders Rights in the Netherlands is ready for Mom Lp 736 and positif. The dutch authorities have declared the variety to be distinct, uniform and stable. Protection will be granted as soon as a name will be approved.

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Application for Plant Variety Protection Certificate14 B Exhibit B, Novelty StatementGenus and Species : *Lolium perenne*Variety : Mom Lp 736 (Proposed name : OVATION)

Mom Lp 736 is a diploid turf-type variety of perennial ryegrass. The variety most closely resembles the variety BARLOFT, but differs from Barloft by

an earlier heading date.

Characteristic	Year	Mom Lp 736	Barloft	LSD 1%
Heading date (days after April 1st)	1980	53	55	1.60
	1981	53	57	1.70
	1982	55	59	2.18

The above mentioned trial results are from the Variety Research Institute, Wageningen, the Netherlands (3 reps of 20 plants for every variety every year).

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782
OBJECTIVE DESCRIPTION OF CULTIVARS
RYEGRASS
(*Lolium spp.*)

NAME OF APPLICANT(S) Mommersteeg International B.V.	VARIETY NAME OR TEMPORARY DESIGNATION Mom Lp 736
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) P.O. Box 1 5250 AA VLIJMEN, the Netherlands	FOR OFFICIAL USE ONLY PVPO NUMBER 8300152

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in first box (e.g. **089** or **09**) when number is either 99 or less or 9 or less. Descriptions of characters should represent those that are typical for the variety. Ranges may be given also. Measured data should be for SPACED PLANTS. Give additional description for all characteristics that cannot be adequately described in the form below. Append all pertinent comparative trial and evaluation data.

1. SPECIES:

2 1 = L. MULTIFLORUM (annual or Italian; includes *Westerwoldicum*) 2 = L. PERENNE (perennial) 3 = L. RIGIDUM (includes *Wimmera*)
4 = HYBRID (of species) 5 = OTHER (Specify)

2. PLOIDY:

1 1 = DIPLOID 2 = TETRAPLOID 3 = OTHER (Specify)

3. DURATION:

3 1 = ANNUAL OR BIENNIAL 2 = SHORT LIVED PERENNIAL (3-4 years) 3 = PERENNIAL (more than 4 years)

STANDARD CULTIVARS

1 = GULF 2 = WIMMERA 62 3 = LINN 4 = PELO
5 = NORLEA 6 = ABERYSTWYTH S-23 7 = MANHATTAN 8 = PENNFINE

4. MATURITY (50% HEADED) Use standards from above for comparison:

4 1 = VERY EARLY 3 = EARLY 7 = STANDARD CULTIVAR
5 = MEDIUM 7 = LATE 8 = STANDARD CULTIVAR
9 = VERY LATE
1 0 DAYS LATER THAN

5. MATURE PLANT HEIGHT (Use standard cultivars from above):

0 6 3 CM. HIGH **0 0 8** CM. SHORTER THAN **8** STANDARD CULTIVAR
0 0 0 CM. TALLER THAN **0** STANDARD CULTIVAR

6. PERCENT WINTER DAMAGE (estimated as percent of the area appearing dead). Use standard cultivars from above for comparison:

0 0 0 PERCENT DAMAGE OF APPLICATION CULTIVAR
0 0 0 PERCENT DAMAGE OF **0** STANDARD CULTIVAR

7. TURF DENSITY Use standard cultivars from above:

0 0 0 TILLERS PER 100 SQ. CM.
0 0 0 LESS TILLERS PER 100 SQ. CM. THAN **0** STANDARD CULTIVAR
0 0 0 MORE TILLERS PER 100 SQ. CM. THAN **0** STANDARD CULTIVAR

8. FLAG LEAF (at full growth) Use standard cultivars from above:

1 1 4 CM. LENGTH (from ligule to tip) **0 4 2** MM. WIDTH (at widest point)
0 0 9 CM. SHORTER THAN **7** STANDARD CULTIVAR **0** FLAG LEAF AT BOOT STAGE:
0 0 0 CM. LONGER THAN **0** STANDARD CULTIVAR 1 = DEFLEXED
3 = RECURVED
5 = HORIZONTAL
7 = SEMI-ERECT
9 = ERECT
0 0 2 MM. NARROWER THAN **8** STANDARD CULTIVAR
0 0 0 MM. WIDER THAN **0** STANDARD CULTIVAR

16. DISEASE 1 = NOT TESTED 2 = HIGHLY SUSCEPTIBLE 3 = MODERATELY SUSCEPTIBLE 4 = MODERATELY RESISTANT 5 = HIGHLY RESISTANT

10	CROWN ROT	1	2	3	4	5
11	LEAF SPOT	1	2	3	4	5
12	SNOW MOLD	1	2	3	4	5

17. INSECT 1 = NOT TESTED 2 = HIGHLY SUSCEPTIBLE 3 = MODERATELY SUSCEPTIBLE 4 = MODERATELY RESISTANT 5 = HIGHLY RESISTANT

18. GIVE RESEMBLANCE VALUE IN LEFT COLUMN AND VARIETY CODE NUMBER IN RIGHT COLUMN FOR VARIETY WITH WHICH COMPARISON IS MADE 1 = LESS THAN 2 = SAME AS 3 = MORE ERECT, MORE RESISTANT, DENSER, MORE PERSISTENT BARKER OR GREATER HEIGHT

CHARACTER	RESEMBLANCE	VARIETY CODE
1. PLANT HABIT	1	1
2. TILLERING	1	1
3. WINTER HARDINESS	1	1
4. HIGH TEMP. STRESS RESISTANCE	1	1
5. TURF RESISTANCE	1	1
6. PLANT COLOR	1	1
7. VERTICAL SEEDLING GROWTH RATE	1	1
8. CROWN DENSITY	1	1
9. LOWER BIRTHING RESISTANCE	1	1

19. GIVE AREA OF ADAPTATION AND INTENDED USE (overseeding, lawn, etc.; Northeast, Northwest, etc.)

20. GIVE AREA TEST RESULTS PRESENTED FROM:

21. GIVE AREA TEST RESULTS PRESENTED FROM:

22. GIVE AREA TEST RESULTS PRESENTED FROM:

23. GIVE AREA TEST RESULTS PRESENTED FROM:

24. GIVE AREA TEST RESULTS PRESENTED FROM:

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31. GIVE AREA TEST RESULTS PRESENTED FROM:

32. GIVE AREA TEST RESULTS PRESENTED FROM:

33. GIVE AREA TEST RESULTS PRESENTED FROM: